

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030803.D
 Acq On : 26 Aug 2022 04:34
 Operator : JC/MD
 Sample : N4262-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101I

Quant Time: Aug 26 05:38:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

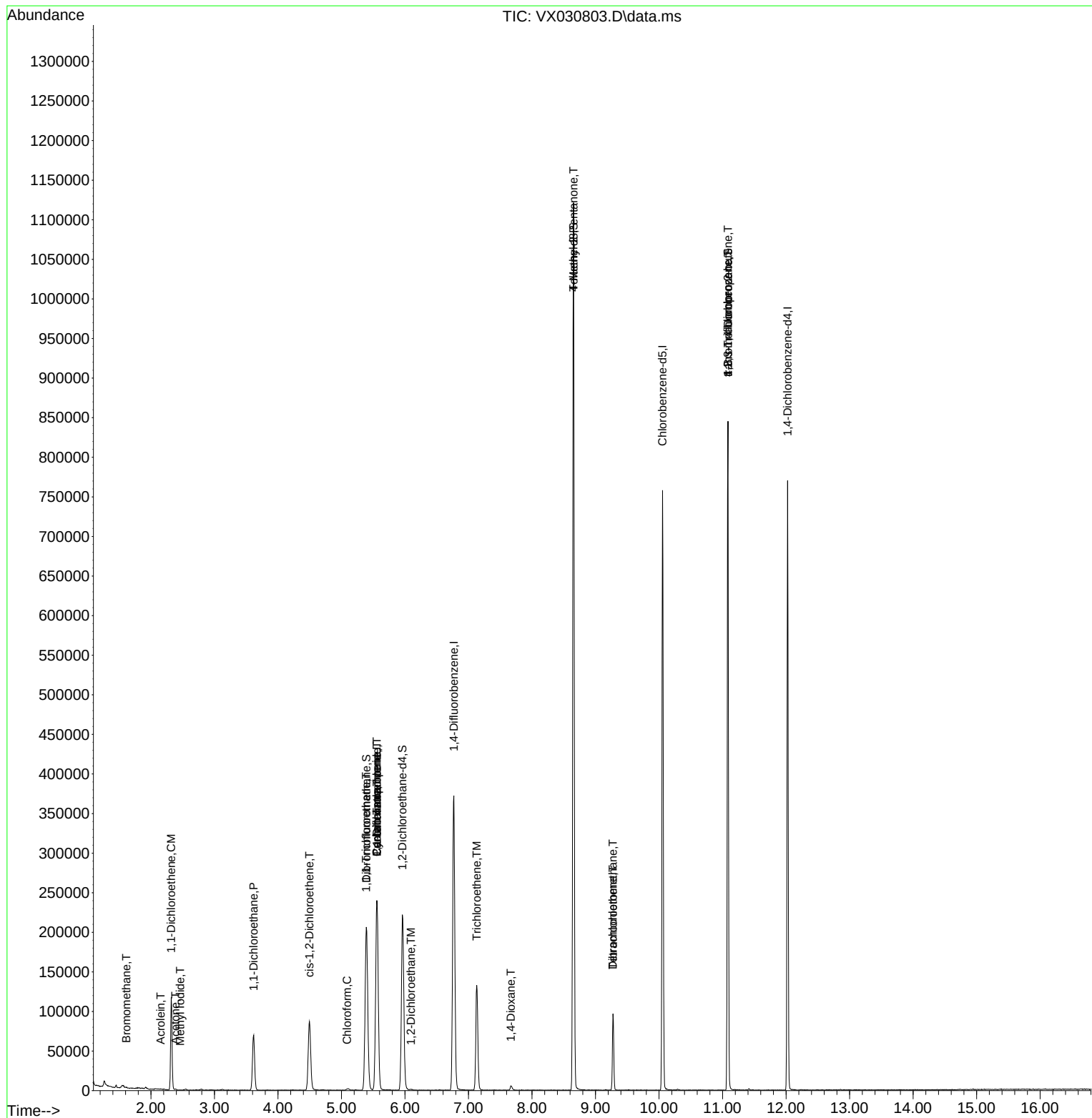
Internal Standards						
1) Pentafluorobenzene	5.555	168	235450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	391722	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	352751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	212525	76.737	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 153.480%#			
35) Dibromofluoromethane	5.391	113	182602	75.848	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 151.700%#			
50) Toluene-d8	8.652	98	668999	79.745	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 159.500%#			
62) 4-Bromofluorobenzene	11.085	95	226382	72.482	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 144.960%#			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	517	Below Cal	#	42
4) Vinyl Chloride	1.367	62	163	Below Cal	#	1
5) Bromomethane	1.611	94	283	0.258	ug/l #	67
6) Chloroethane	1.690	64	528	Below Cal	#	41
10) Methyl Iodide	2.458	142	101	4.078	ug/l #	45
12) 1,1-Dichloroethene	2.318	96	39609	18.558	ug/l	95
13) Acrolein	2.154	56	23	10.094	ug/l #	1
16) Acetone	2.385	43	1463	1.143	ug/l #	83
17) Carbon Disulfide	2.513	76	259	Below Cal	#	74
20) Methylene Chloride	2.782	84	608	Below Cal	#	76
24) 1,1-Dichloroethane	3.617	63	78534	17.467	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	57284	20.225	ug/l	94
30) Chloroform	5.086	83	2335	0.493	ug/l	89
31) Cyclohexane	5.555	56	4466	1.261	ug/l #	1
32) 1,1,1-Trichloroethane	5.385	97	6178	1.615	ug/l #	49
36) 1,1-Dichloropropene	5.555	75	17714	5.403	ug/l #	49
38) Carbon Tetrachloride	5.555	117	23423	6.774	ug/l #	18
42) 1,2-Dichloroethane	6.092	62	976	0.280	ug/l #	73
44) Trichloroethene	7.128	130	53500	18.880	ug/l	95
49) 1,4-Dioxane	7.665	88	4575	63.565	ug/l	96
51) 4-Methyl-2-Pentanone	8.652	43	2636	0.668	ug/l #	1
60) Dibromochloromethane	9.274	129	18631	6.567	ug/l #	11
64) Tetrachloroethene	9.274	164	18861	6.788	ug/l	98
76) 1,2,3-Trichloropropane	11.085	75	108723	31.426	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	108723	101.395	ug/l #	13

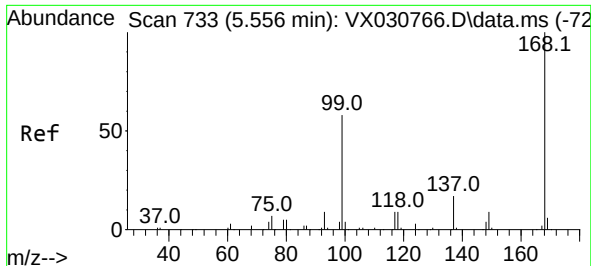
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 26 02:03:28 2022
Response via : Initial Calibration

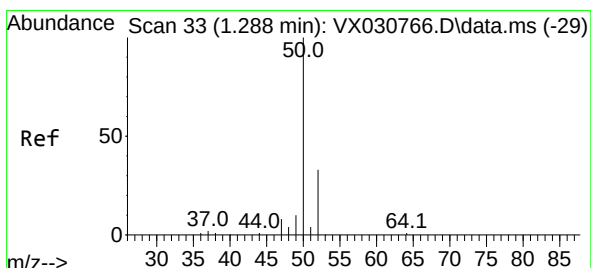
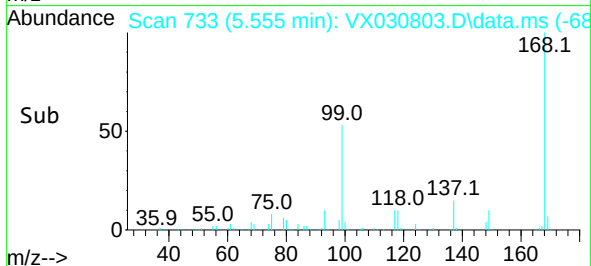
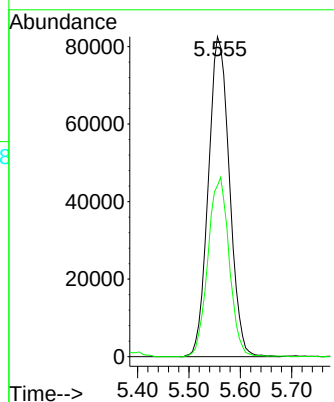
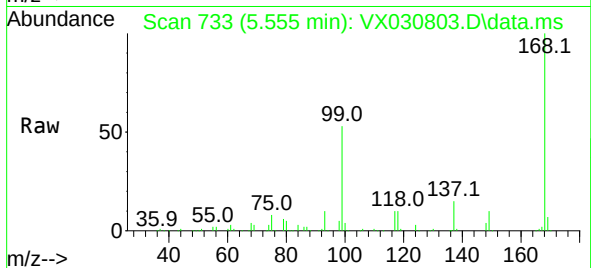




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

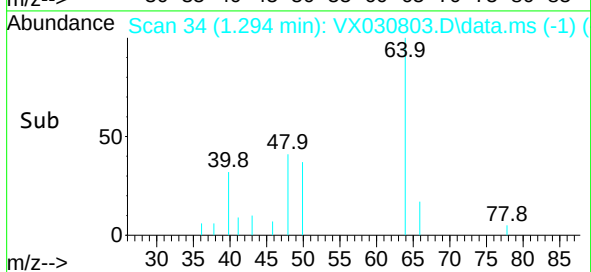
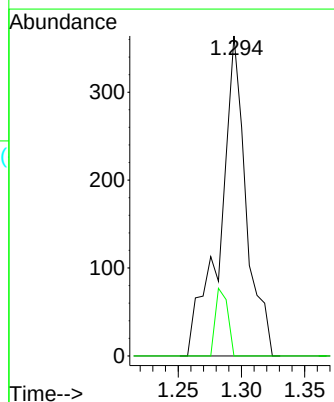
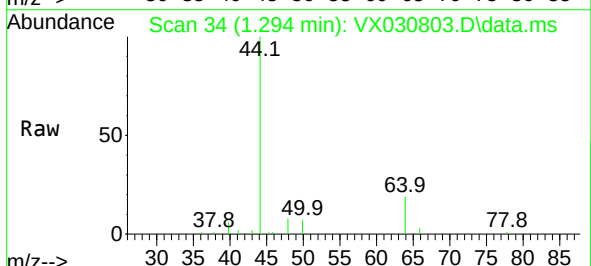
Instrument :
MSVOA_X
ClientSampleId :
MW-101I

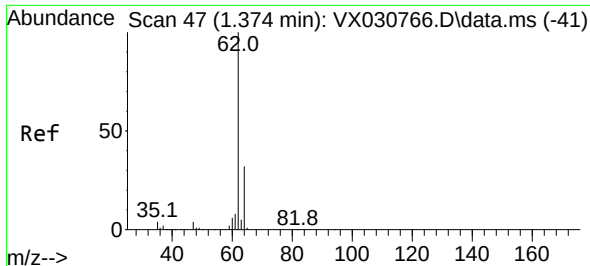
Tgt Ion:168 Resp: 235450
Ion Ratio Lower Upper
168 100
99 53.4 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

Tgt Ion: 50 Resp: 517
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

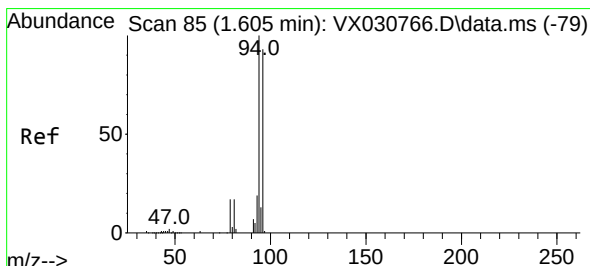
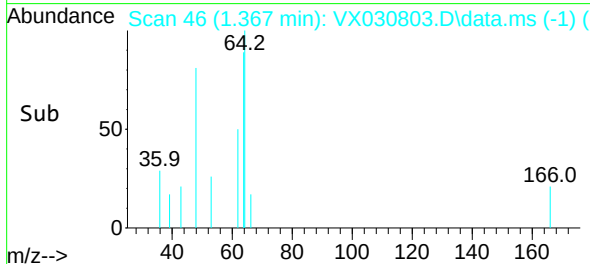
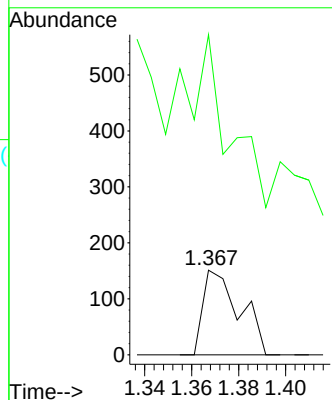
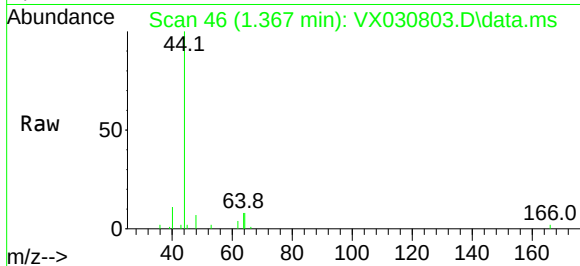




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.367 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VX030803.D
 Acq: 26 Aug 2022 04:34

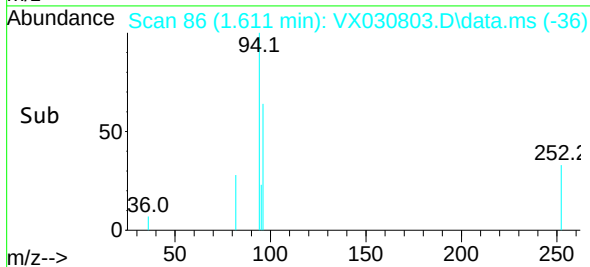
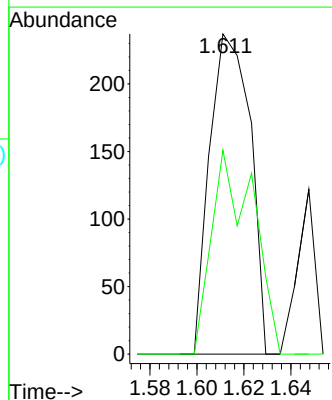
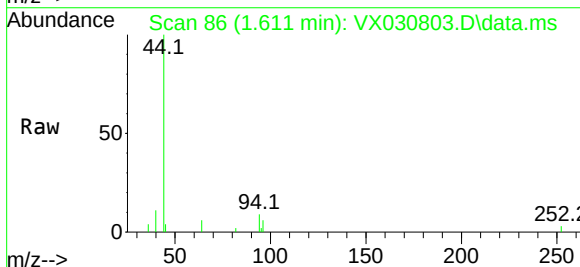
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101I

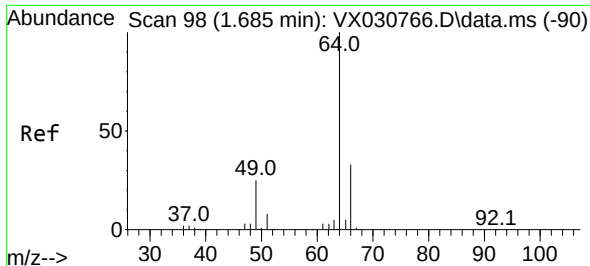
Tgt Ion: 62 Resp: 163
 Ion Ratio Lower Upper
 62 100
 64 150.3 25.2 37.8#



#5
 Bromomethane
 Concen: 0.258 ug/l
 RT: 1.611 min Scan# 86
 Delta R.T. 0.006 min
 Lab File: VX030803.D
 Acq: 26 Aug 2022 04:34

Tgt Ion: 94 Resp: 283
 Ion Ratio Lower Upper
 94 100
 96 63.7 76.9 115.3#

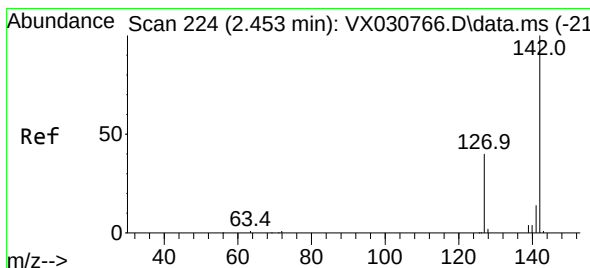
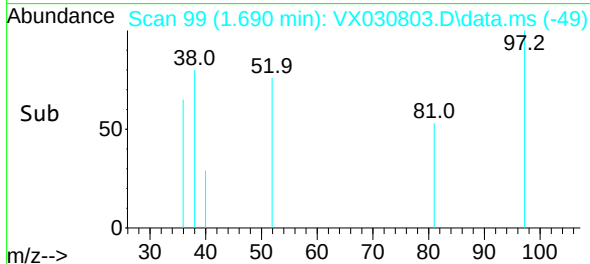
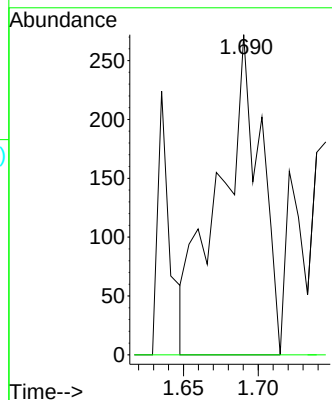
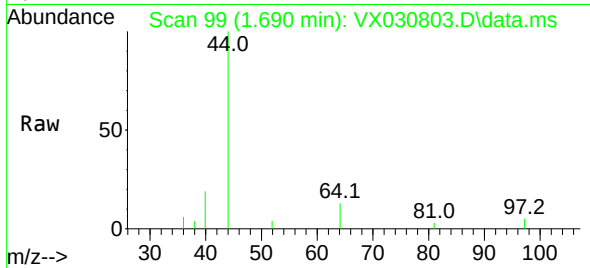




#6
Chloroethane
Concen: Below Cal
RT: 1.690 min Scan# 99
Delta R.T. 0.005 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

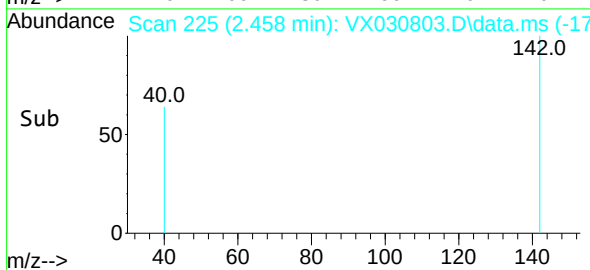
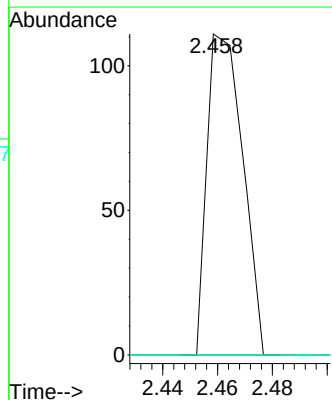
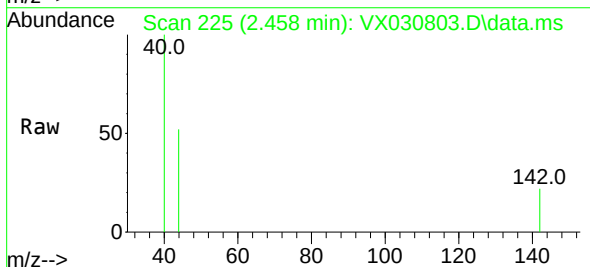
Instrument :
MSVOA_X
ClientSampleId :
MW-101I

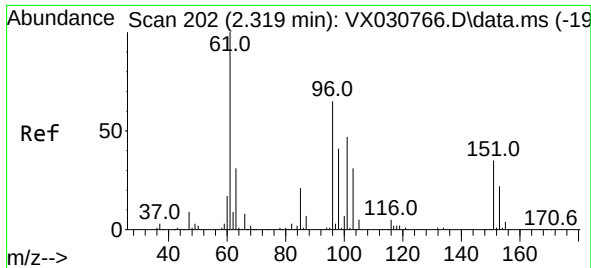
Tgt Ion: 64 Resp: 528
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 4.078 ug/l
RT: 2.458 min Scan# 225
Delta R.T. 0.005 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

Tgt Ion: 142 Resp: 101
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#





#12

1,1-Dichloroethene

Concen: 18.558 ug/l

RT: 2.318 min Scan# 20

Delta R.T. -0.001 min

Lab File: VX030803.D

Acq: 26 Aug 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

MW-101I

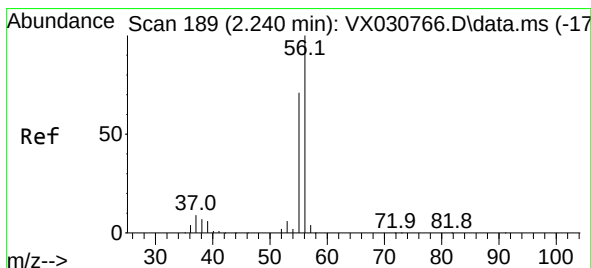
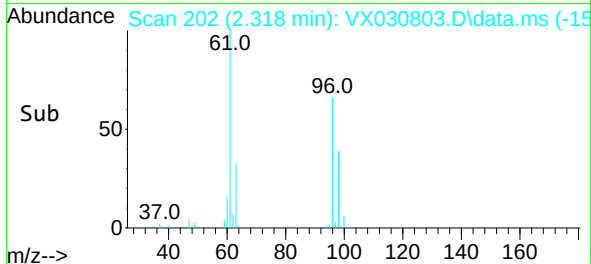
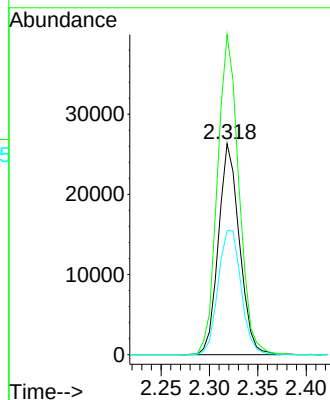
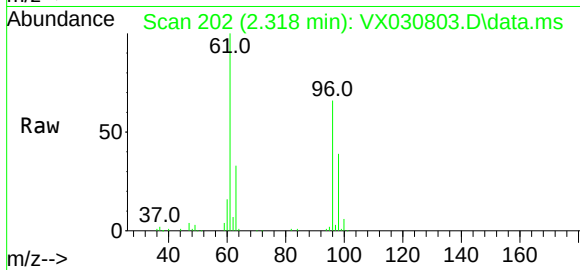
Tgt Ion: 96 Resp: 39609

Ion Ratio Lower Upper

96 100

61 151.7 117.4 176.0

98 58.8 52.2 78.4



#13

Acrolein

Concen: 10.094 ug/l

RT: 2.154 min Scan# 175

Delta R.T. -0.086 min

Lab File: VX030803.D

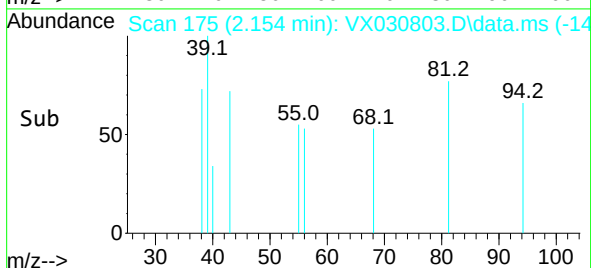
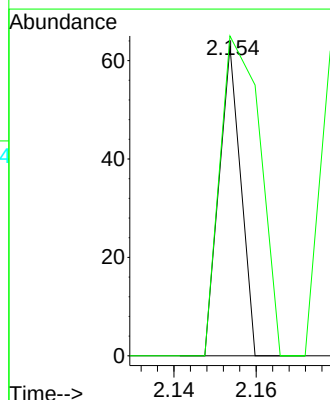
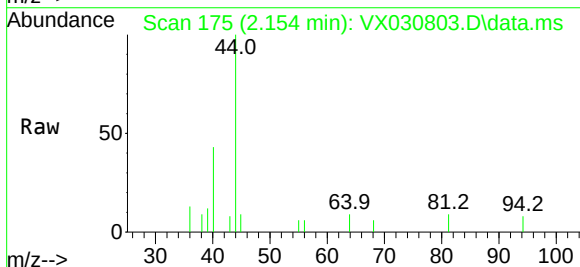
Acq: 26 Aug 2022 04:34

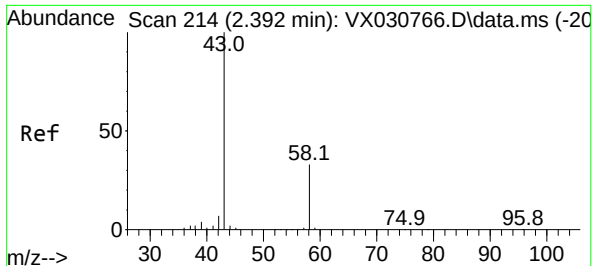
Tgt Ion: 56 Resp: 23

Ion Ratio Lower Upper

56 100

55 191.3 56.6 84.8#

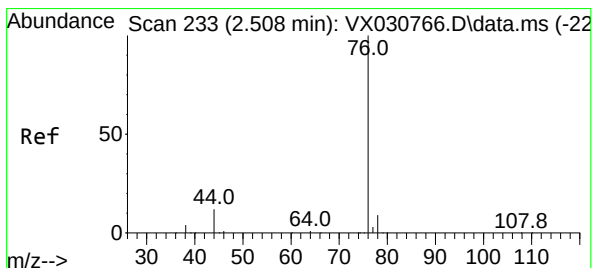
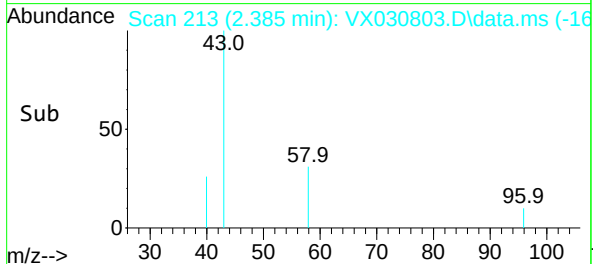
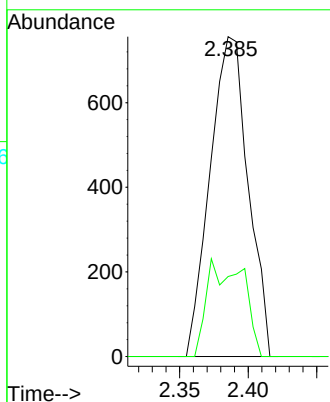
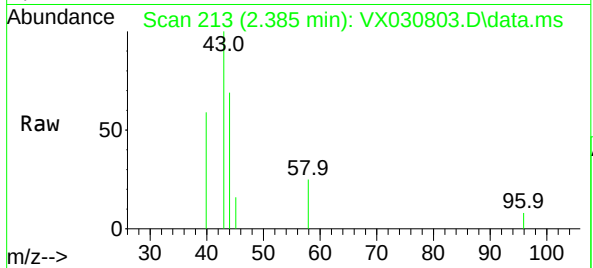




#16
Acetone
Concen: 1.143 ug/l
RT: 2.385 min Scan# 214
Delta R.T. -0.007 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

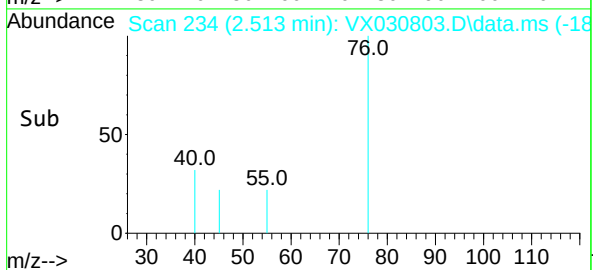
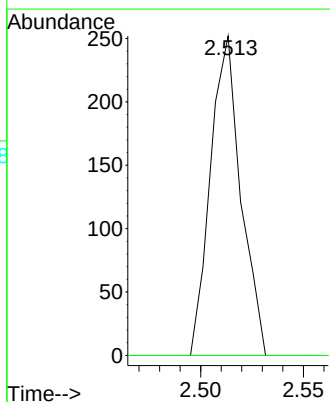
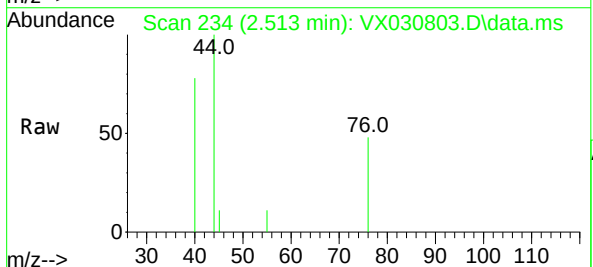
Instrument :
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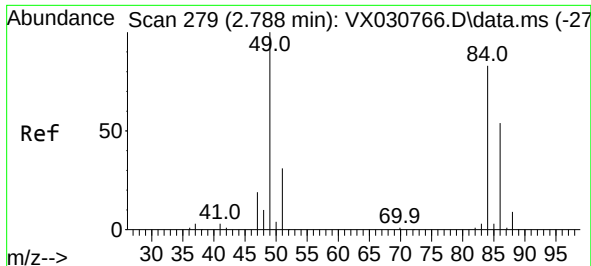
Tgt Ion: 43 Resp: 1463
Ion Ratio Lower Upper
43 100
58 25.0 27.7 41.5#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.513 min Scan# 234
Delta R.T. 0.005 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

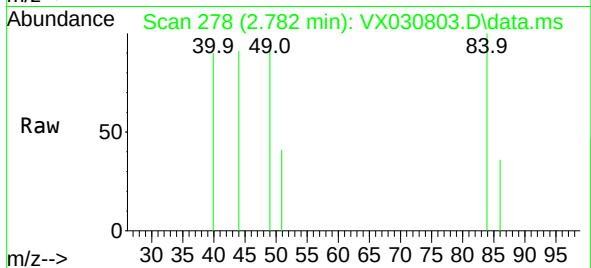
Tgt Ion: 76 Resp: 259
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#





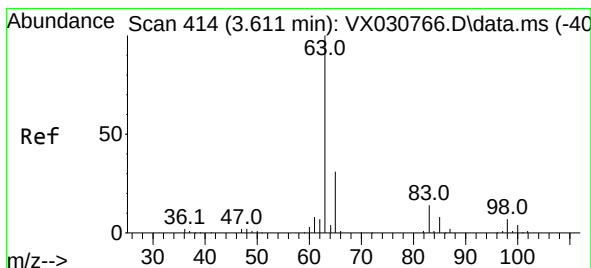
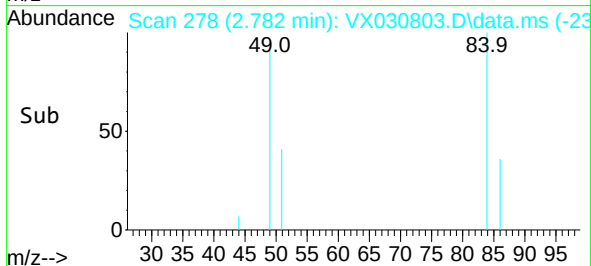
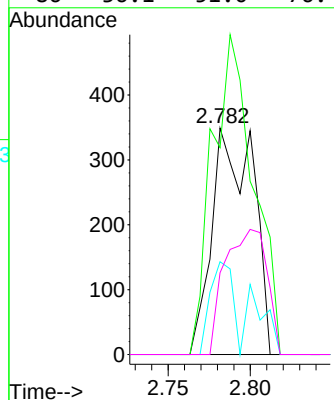
#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

Instrument :
MSVOA_X
ClientSampleId :
MW-101I



Tgt Ion: 84 Resp: 608

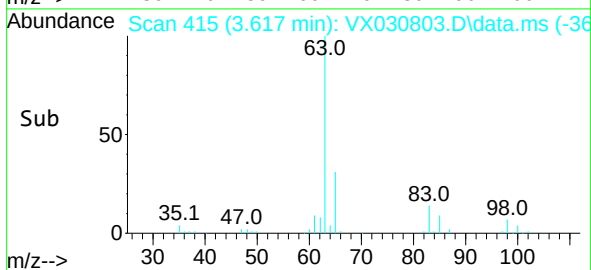
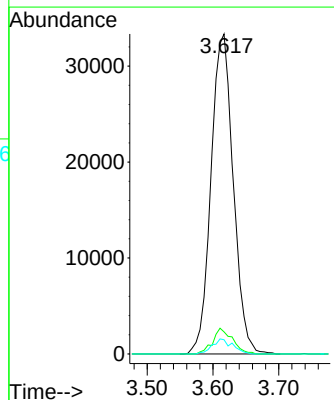
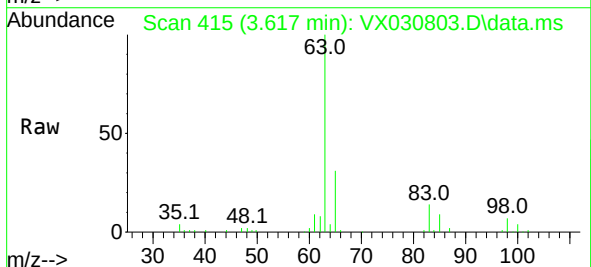
Ion	Ratio	Lower	Upper
84	100		
49	91.4	93.8	140.6#
51	41.0	29.4	44.0
86	36.1	51.0	76.4#

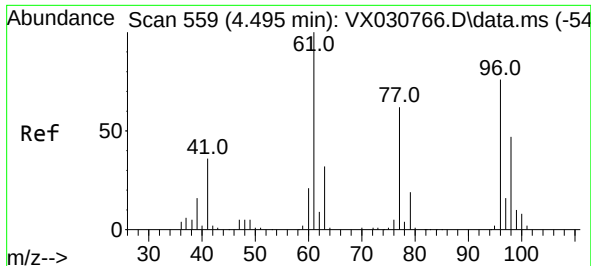


#24
1,1-Dichloroethane
Concen: 17.467 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

Tgt Ion: 63 Resp: 78534

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.5	10.5
100	4.5	2.3	6.9





#27

cis-1,2-Dichloroethene

Concen: 20.225 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX030803.D

Acq: 26 Aug 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

MW-101I

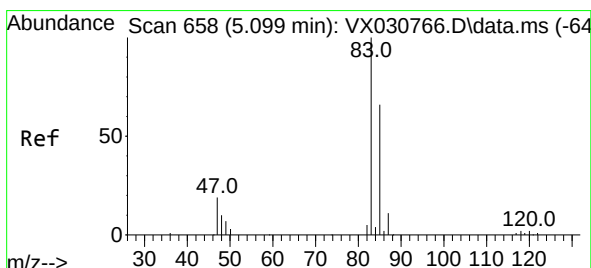
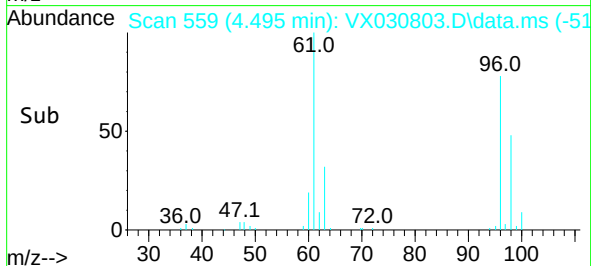
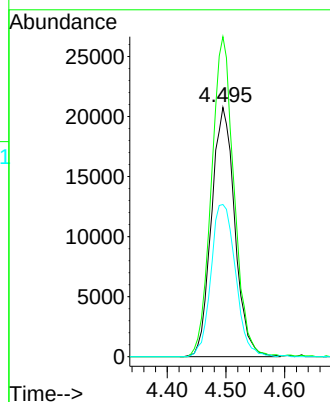
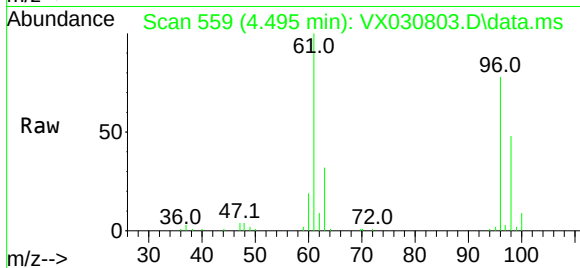
Tgt Ion: 96 Resp: 57284

Ion Ratio Lower Upper

96 100

61 124.4 0.0 270.0

98 64.3 0.0 127.8



#30

Chloroform

Concen: 0.493 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.013 min

Lab File: VX030803.D

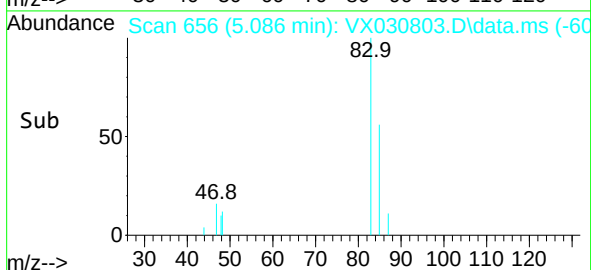
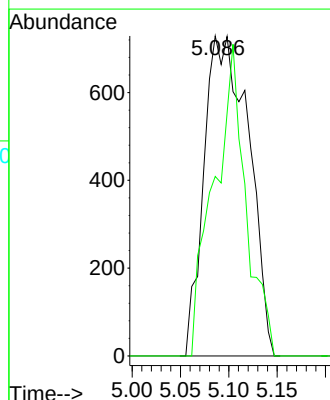
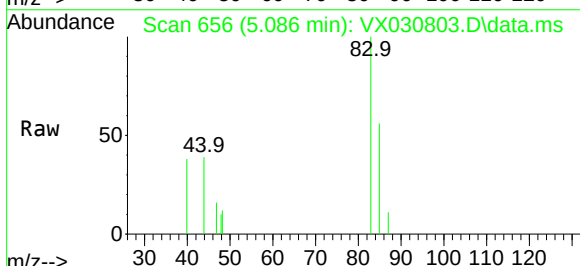
Acq: 26 Aug 2022 04:34

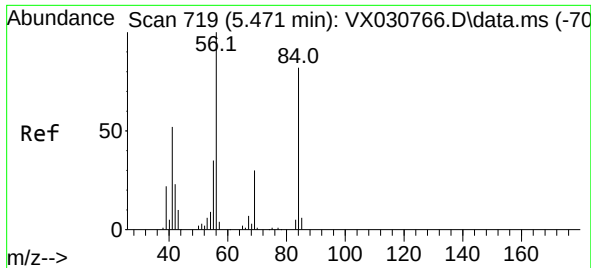
Tgt Ion: 83 Resp: 2335

Ion Ratio Lower Upper

83 100

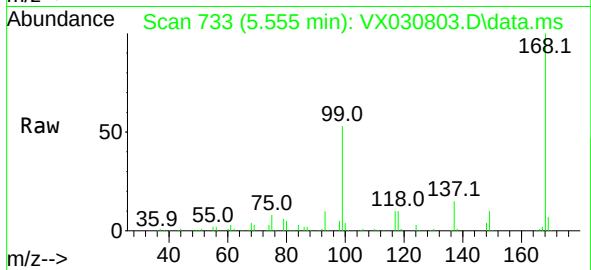
85 56.1 51.5 77.3



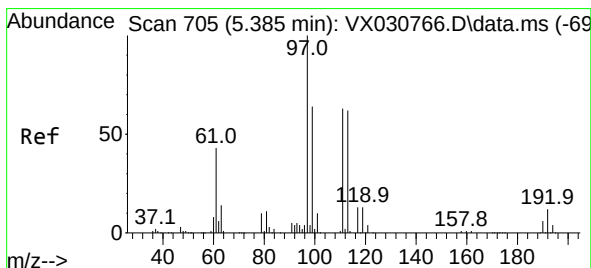
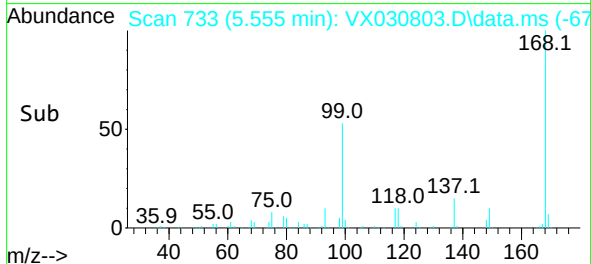
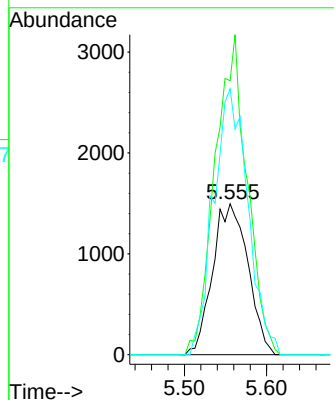


#31
Cyclohexane
Concen: 1.261 ug/l
RT: 5.555 min Scan# 719
Delta R.T. 0.084 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

Instrument :
MSVOA_X
ClientSampleId :
MW-101I

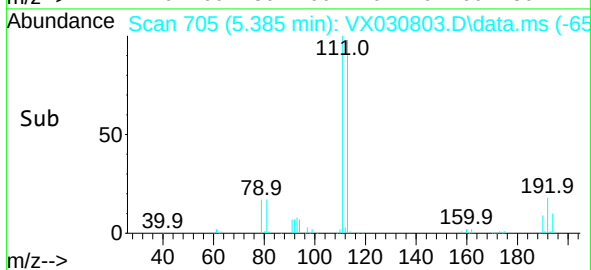
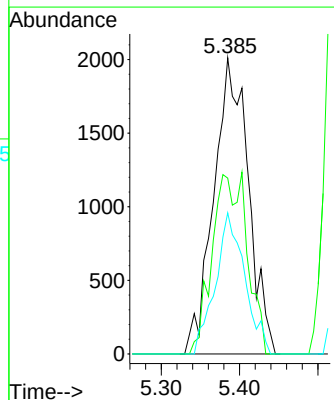
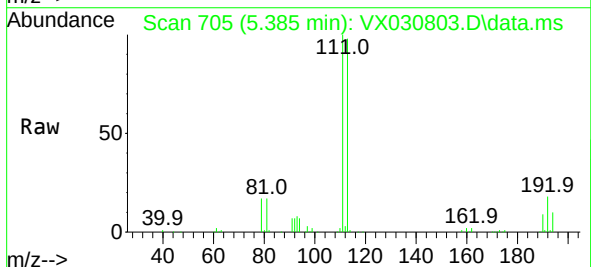


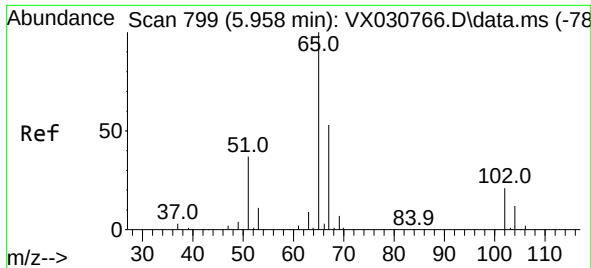
Tgt Ion: 56 Resp: 4466
Ion Ratio Lower Upper
56 100
69 181.7 25.4 38.0#
84 176.3 68.9 103.3#



#32
1,1,1-Trichloroethane
Concen: 1.615 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

Tgt Ion: 97 Resp: 6178
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 40.4 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 76.737 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX030803.D

Acq: 26 Aug 2022 04:34

Instrument :

MSVOA_X

ClientSampleId :

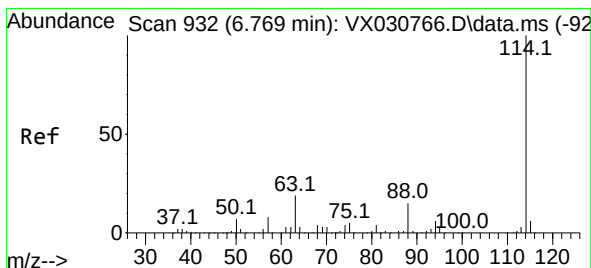
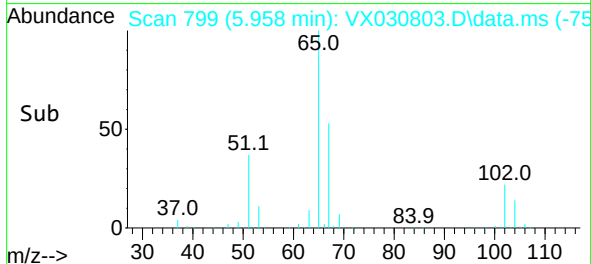
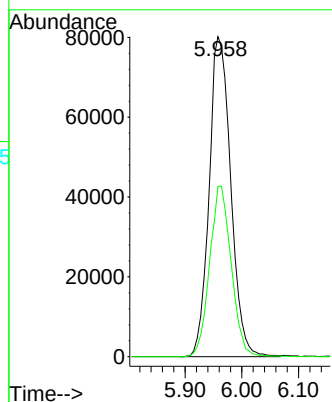
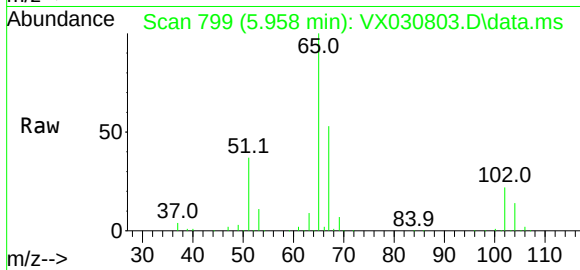
MW-101I

Tgt Ion: 65 Resp: 212525

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX030803.D

Acq: 26 Aug 2022 04:34

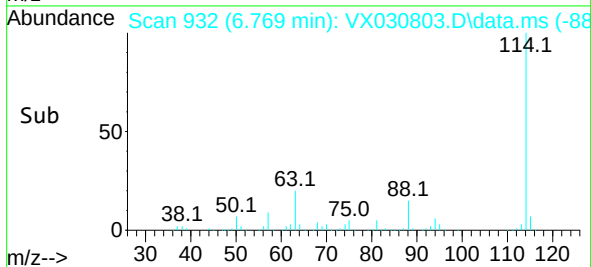
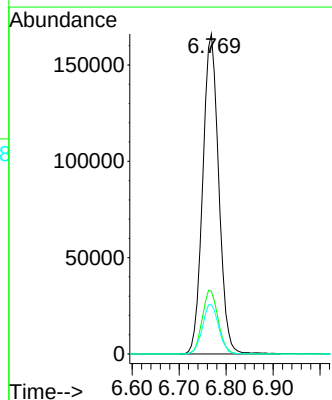
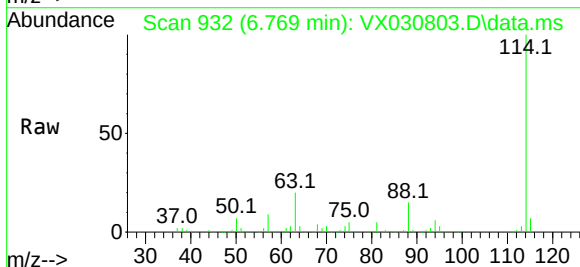
Tgt Ion: 114 Resp: 391722

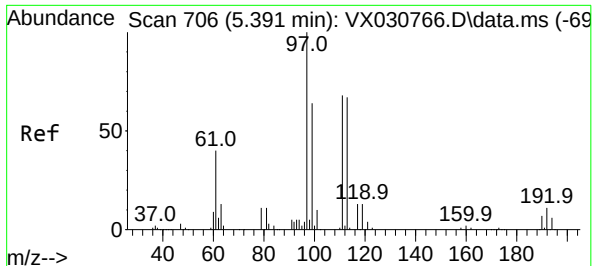
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

88 15.3 0.0 31.8

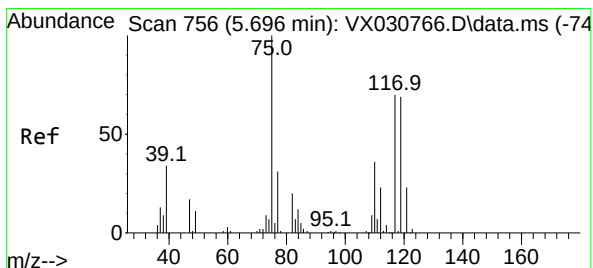
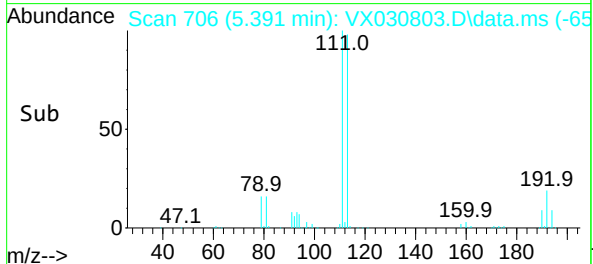
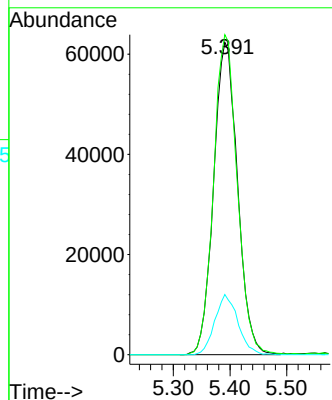
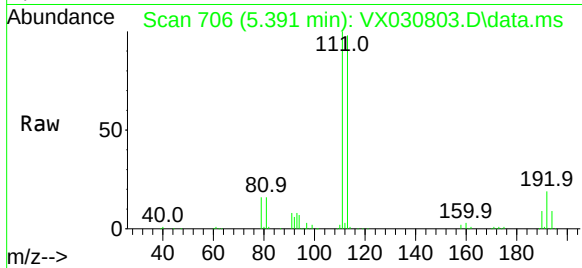




#35
Dibromofluoromethane
Concen: 75.848 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

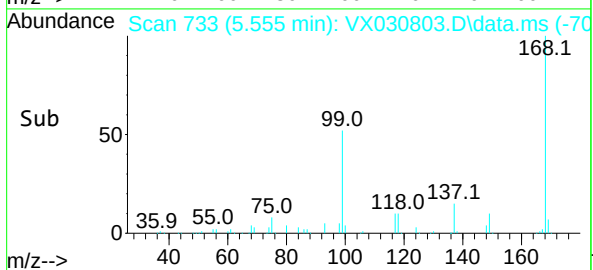
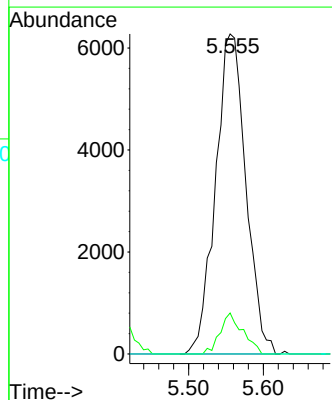
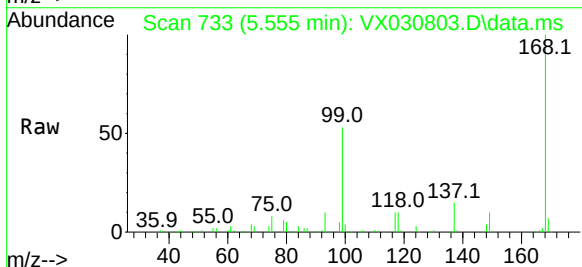
Instrument :
MSVOA_X
ClientSampleId :
MW-101I

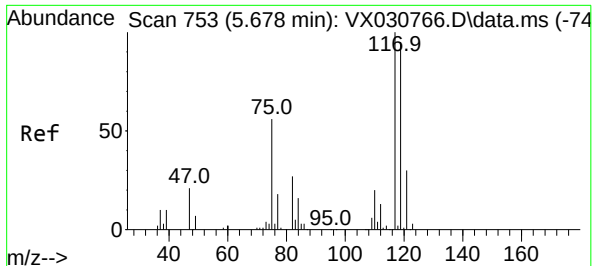
Tgt Ion:113 Resp: 182602
Ion Ratio Lower Upper
113 100
111 101.5 83.2 124.8
192 18.6 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.403 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.141 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

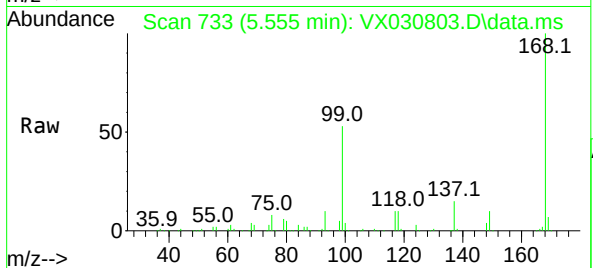
Tgt Ion: 75 Resp: 17714
Ion Ratio Lower Upper
75 100
110 9.6 19.3 57.9#
77 0.0 24.4 36.6#



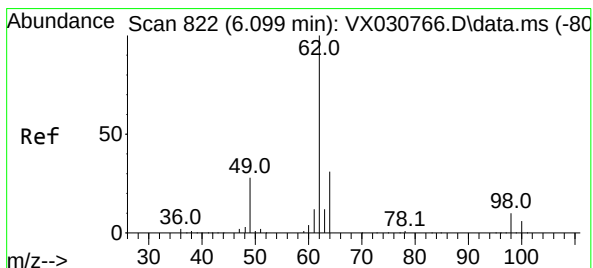
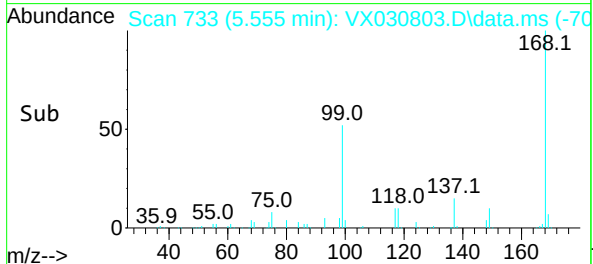
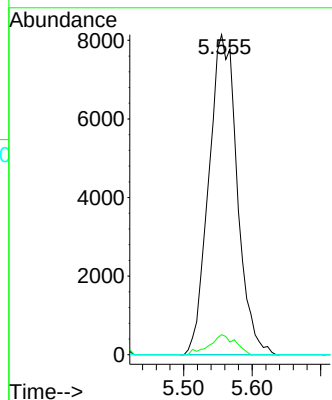


#38
Carbon Tetrachloride
Concen: 6.774 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.123 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

Instrument :
MSVOA_X
ClientSampleId :
MW-101I

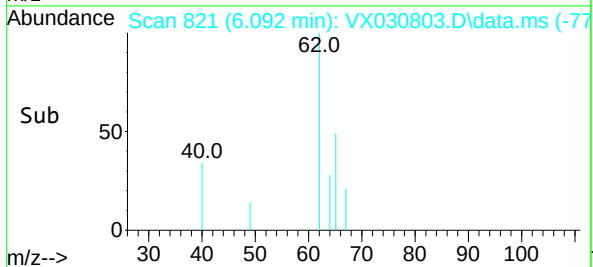
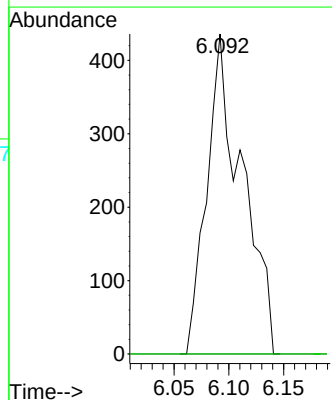
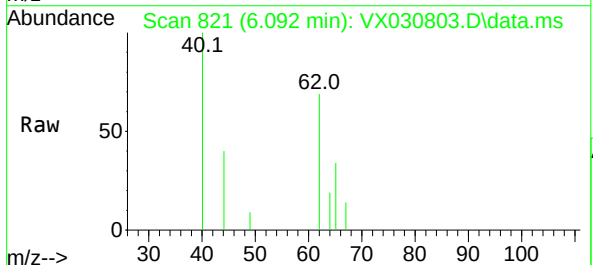


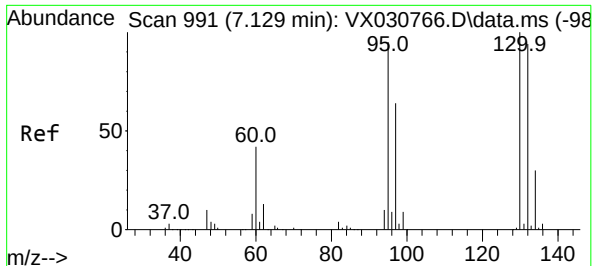
Tgt Ion:117 Resp: 23423
Ion Ratio Lower Upper
117 100
119 6.3 74.1 111.1#
121 0.0 25.8 38.8#



#42
1,2-Dichloroethane
Concen: 0.280 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.007 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

Tgt Ion: 62 Resp: 976
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.2

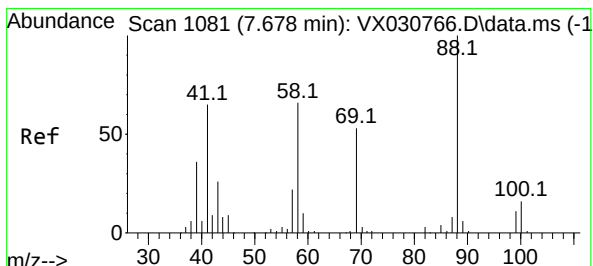
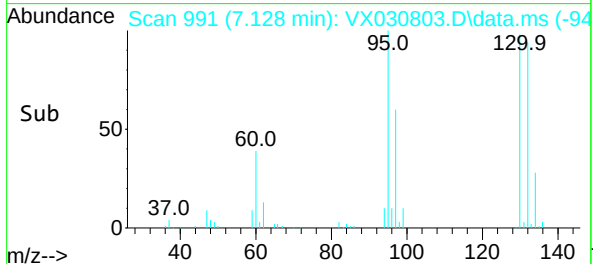
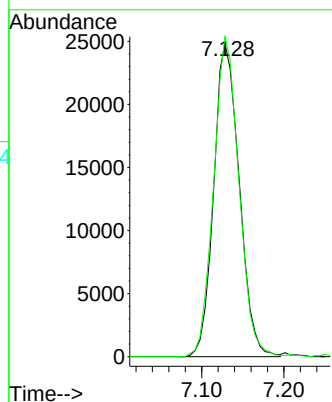
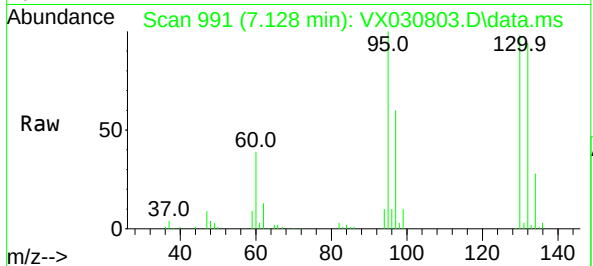




#44
Trichloroethene
Concen: 18.880 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.001 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

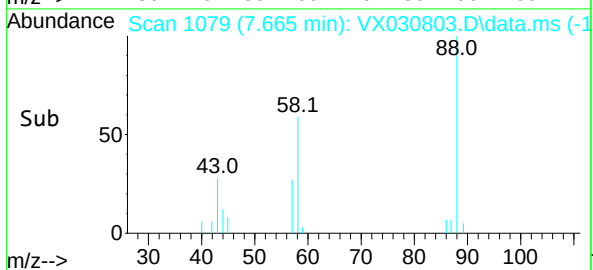
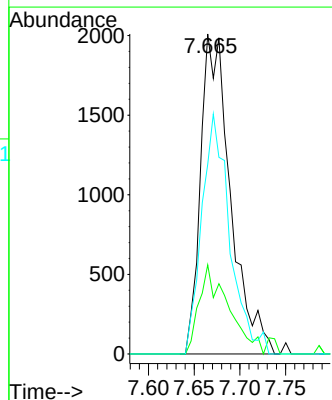
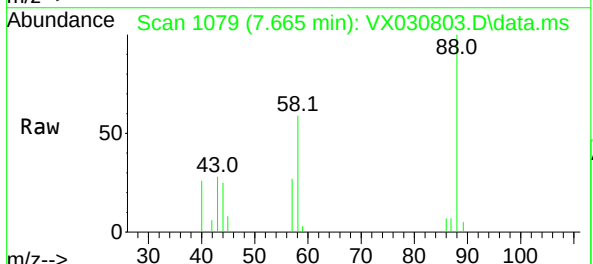
Instrument :
MSVOA_X
ClientSampleId :
MW-101I

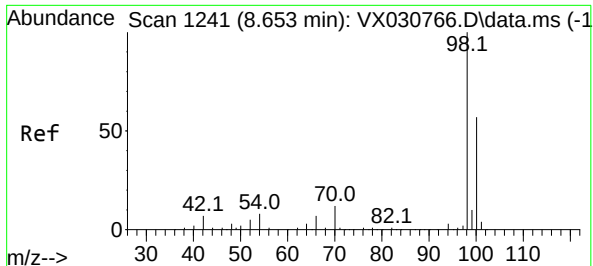
Tgt Ion:130 Resp: 53500
Ion Ratio Lower Upper
130 100
95 102.2 0.0 194.8



#49
1,4-Dioxane
Concen: 63.565 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.013 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

Tgt Ion: 88 Resp: 4575
Ion Ratio Lower Upper
88 100
43 27.2 23.8 35.8
58 70.2 53.8 80.6

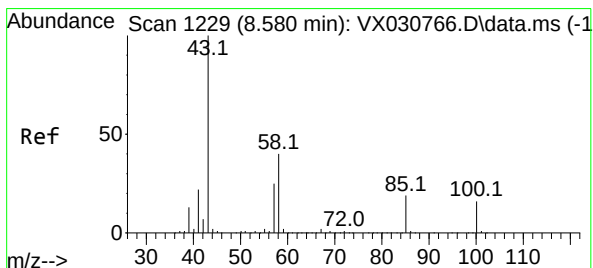
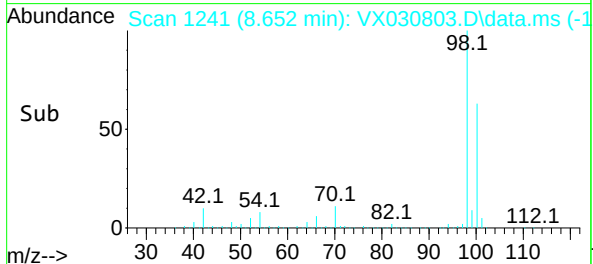
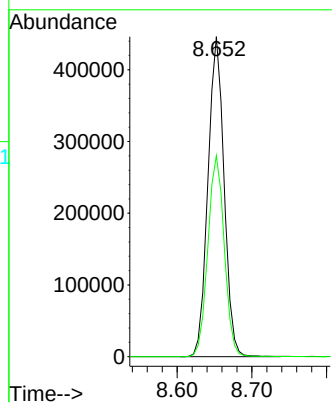
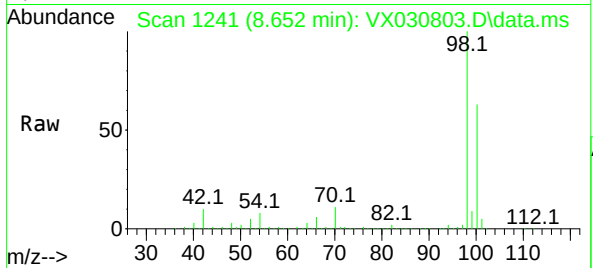




#50
Toluene-d8
Concen: 79.745 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

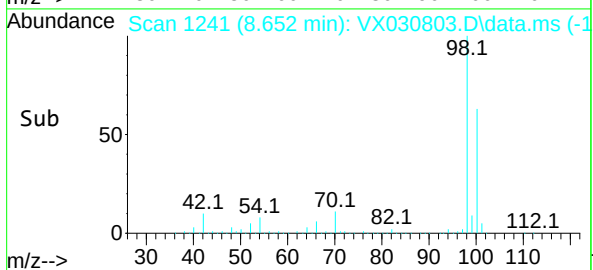
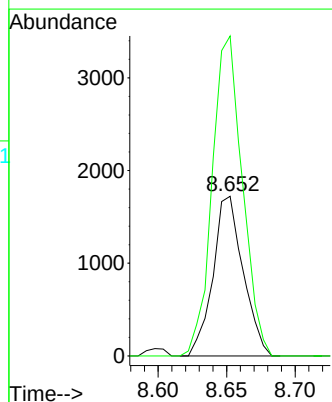
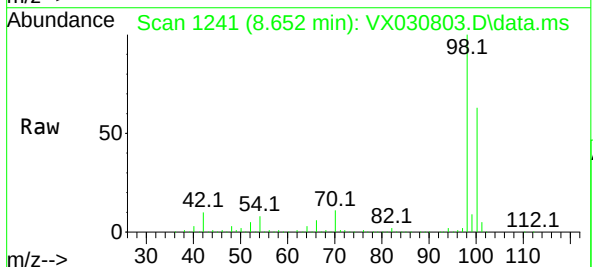
Instrument :
MSVOA_X
ClientSampleId :
MW-101I

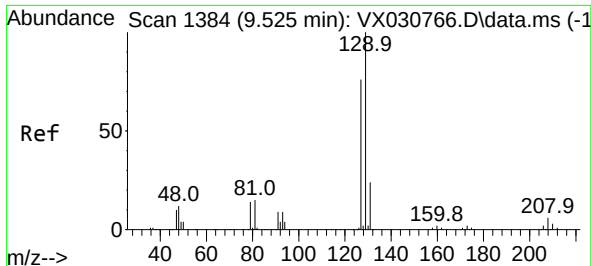
Tgt Ion: 98 Resp: 668999
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.668 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.072 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

Tgt Ion: 43 Resp: 2636
Ion Ratio Lower Upper
43 100
58 200.8 31.4 47.2#

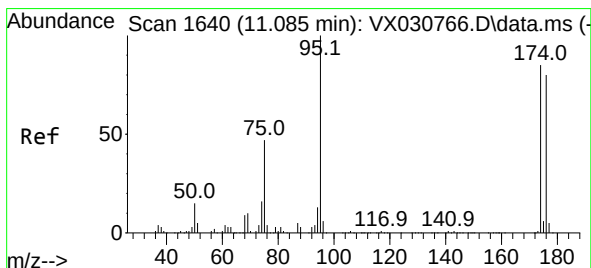
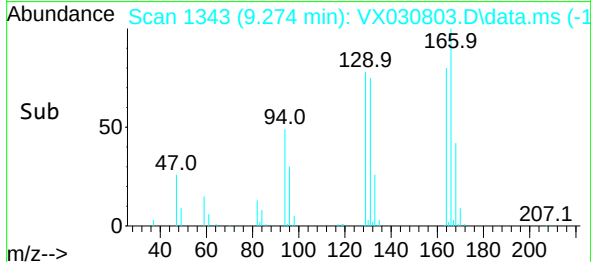
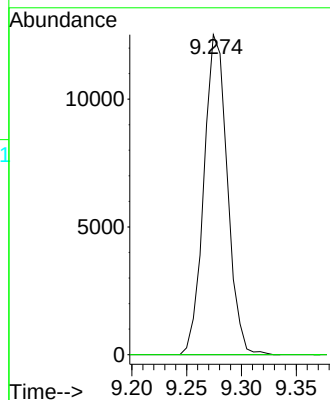
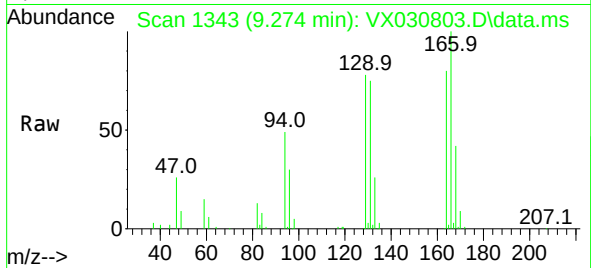




#60
Dibromochloromethane
Concen: 6.567 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.251 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

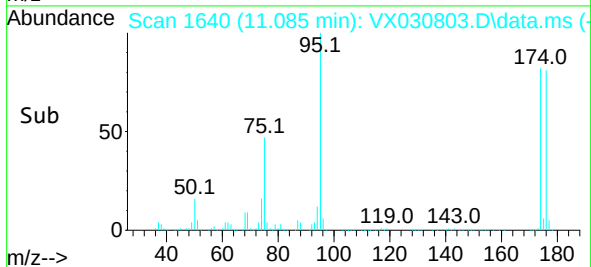
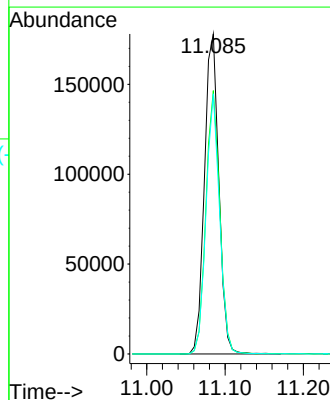
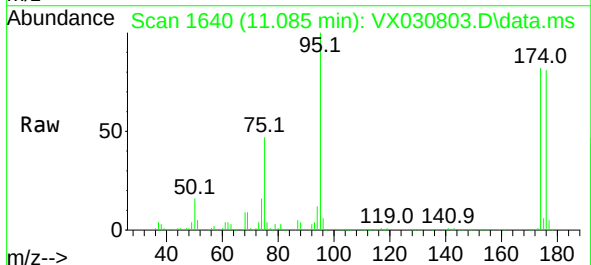
Instrument :
MSVOA_X
ClientSampleId :
MW-101I

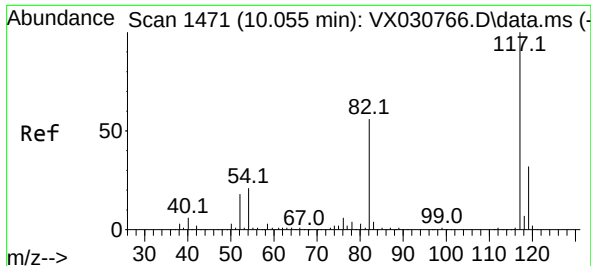
Tgt Ion:129 Resp: 18631
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 72.482 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

Tgt Ion: 95 Resp: 226382
Ion Ratio Lower Upper
95 100
174 79.7 0.0 149.0
176 76.7 0.0 146.0

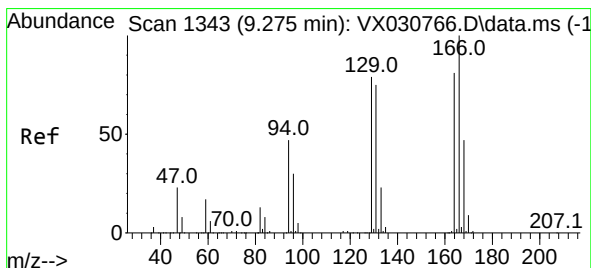
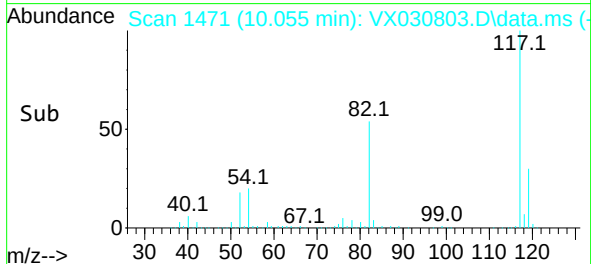
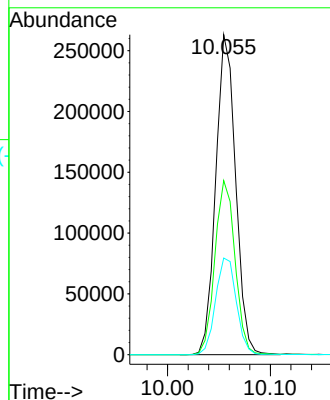
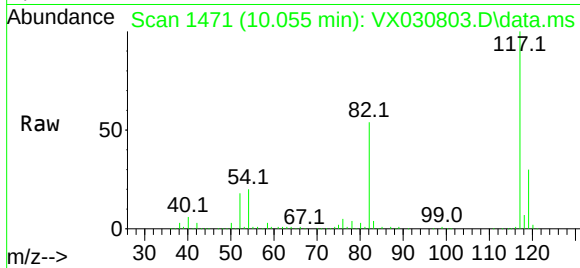




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

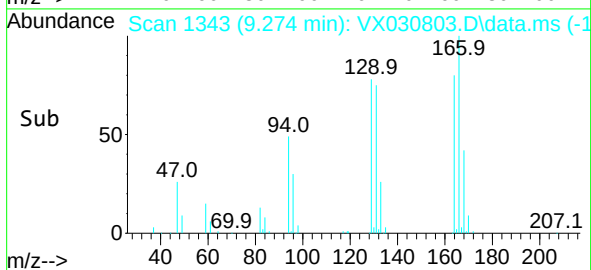
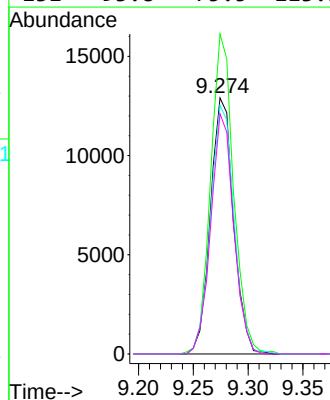
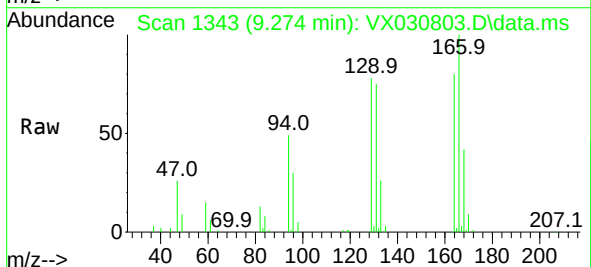
Instrument : MSVOA_X
ClientSampleId : MW-101I

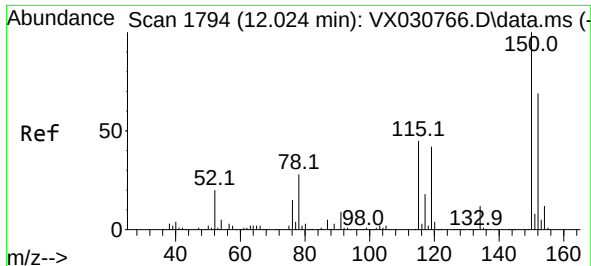
Tgt Ion:117 Resp: 352751
Ion Ratio Lower Upper
117 100
82 54.4 42.7 64.1
119 30.2 25.4 38.2



#64
Tetrachloroethene
Concen: 6.788 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX030803.D
Acq: 26 Aug 2022 04:34

Tgt Ion:164 Resp: 18861
Ion Ratio Lower Upper
164 100
166 125.0 98.2 147.4
129 97.1 80.8 121.2
131 93.8 75.5 113.3

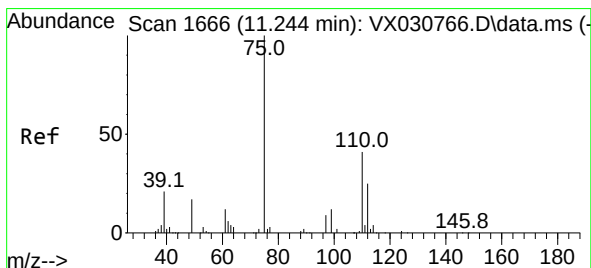
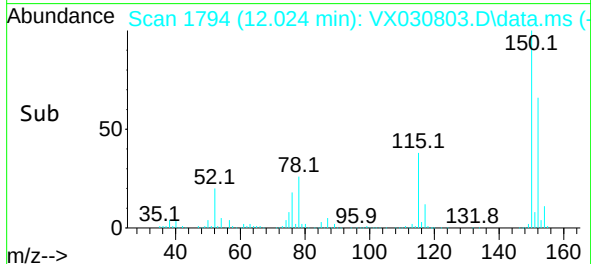
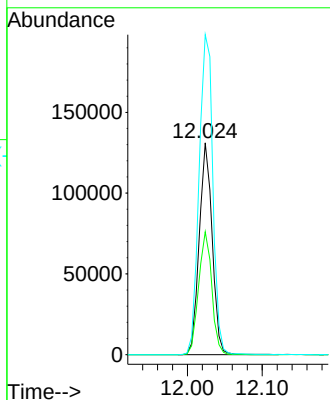
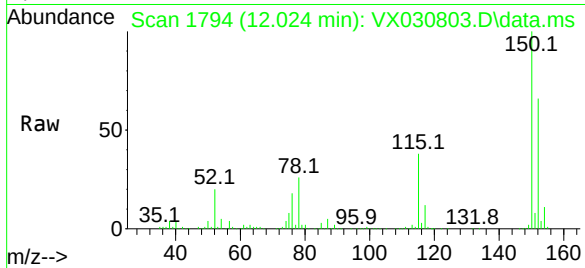




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX030803.D
 Acq: 26 Aug 2022 04:34

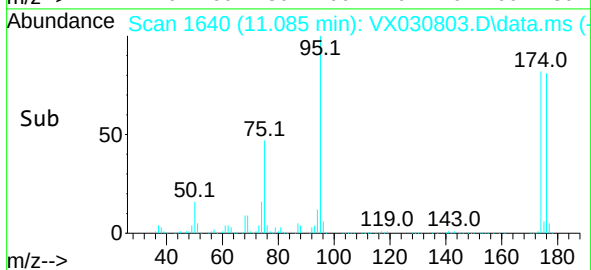
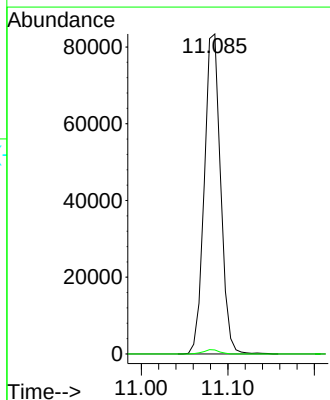
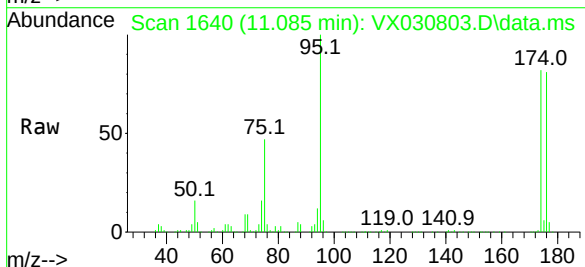
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101I

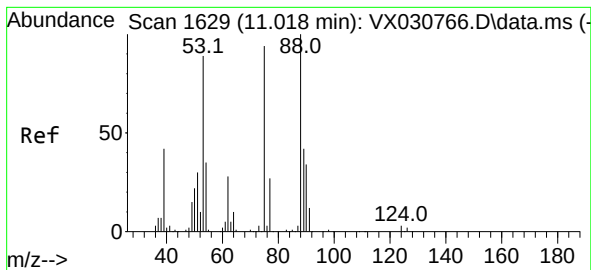
Tgt Ion:152 Resp: 157911
 Ion Ratio Lower Upper
 152 100
 115 58.9 40.5 121.5
 150 160.5 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 31.426 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030803.D
 Acq: 26 Aug 2022 04:34

Tgt Ion: 75 Resp: 108723
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.395 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX030803.D
 Acq: 26 Aug 2022 04:34

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101I

Tgt Ion: 75 Resp: 108723
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.0 34.8 52.2#

